Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 2nd & Final Bill

Date……2019

Zone:**BBMP,Yelahanka** Division:**BBMP, Byatarayanapura** Sub-Division:**BBMP, Kodigehalli**

Bill Received No. Dated Divisional / Sub-Divisional

Cash Book Voucher No……Dated……

Job Code: 008-18-000032,008-18-000033,008-18-000034,008-18-000035

Schedule Docket No. Head of Account: P3111 Est.Cost: Rs.170.00 Lakhs D.R.NO.:

Name of Work : Package-5, includes 4 works of Rs.170 Lakhs 1)Reasphalting to main and cross roads at B,Cand D Blocks of Sahakaranagara in ward no 8 Kodigehalli 2)Improvements to Roads and Drains at Devinagar and Lottegollahalli in Ward No 08 Kodigehalli 3)Improvements to roads and drains at Balaji layout and Surroundings in ward no 08 Kodigehalli 4)Providing and Laying new Road at Sonnegowda Layout and Surroundings in ward no 08Kodigehalli

Name of Contractor and Full Address: M/s KBR Infratech Limited, #01, 1st Floor, 8th Main, RMV Extn IInd Stage, Tatanagara, Bangalore -560094

Reference to Agreement No. BBMP/EE/BTP/WO/10/2018-19 Date: 25.06.2018

Certified that the measurements were taken by me on: 30/7/19 and recorded of Pages **357490** to **357496** of measurement Book No. **3575/2017-18** and that work is satisfactorily executed.

FOR KBR INFRATECH LIMITED

Contractor

Managing Director

Officer-in-charge of work

Certified that measurement were taken by me on 30/7/19 /2019 and found correct. The work is satisfactoril executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

		Amount
1) Total value of work done or supplies made as per account within Updated 16637719.00 Revised 15401580-00		BA 1236130-00
2) Deduct amount to be held in reserve being……Percent Rs……		Ret 24800-00
3) " Balance		CR 1240-00
4) Deduct Payment:		Swi 12400-00
a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D.No…… Recent adjusted towards cash advance recovery of		Cur 11037-00
b) Payments cost store or other material supplied.		Cur 11037-00
Now made recovery of amount creditable to this /other work		Ret 24800-00
Amount paid on this bill Cheque/Cash.		Fine 2400-00
5) Balance being unpaid value of work done held in reserve.		72714-00
6) Deduct cash advance made on the Office cash Book Voucher No…… dated ……less adjustments.		1163416-00
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within		
9) Value of Government materials supplied.		
	Total amount adjusted	

Contractor's Signature

FOR KBR INFRATECH LIMITED

Managing Director

Received Rs……(in words)……

……

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

For KBR INFRATECH LIMITED

Witness

1

2

Dated Signature of Contractor

Managing Director

Paid by me by Cheque No……Dated……

Cash Rs……

Dated……

Initials of Officer making payment

(For use in the Office)

P-3111

Stamp

ರೂ 1236130 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.

ರೂ 72714-00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ

ರೂ 1163416-00 ಗಳನ್ನು

ಮಾಡಿಕೊಂಡು

Executive Engineer

FT/NEFT/RTGS

ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

30/7/19

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate Description	Unit	Previou Qty
1	Removing and resetting of footpath slab and as per the direction of Engineer in charge of the work.	Sqm	74.85
2	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification and as per specifications and as per the direction of Engineer in charge of the work.	Cum	1990.61
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. and as per specifications and as per the direction of Engineer in charge of the work.	Cum	57.47
4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per specifications and as per the direction of Engineer in charge of the work.	Cum	146.09
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications and as per the direction of Engineer in charge of the work.	Sqm	1482.88
6	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams.	Cum	194.91
7	Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the direction of Engineer in charge of the work.	Tonne	9.82
8	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as	Cum	41.6
9	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. and as per the direction of Engineer in charge of the work.	Sqm	346.66
10	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) and as per the direction of Engineer in charge of the work.	Sqm	2655.38

Previous Measurement			Present Measurement			Total Upto Date	
Qty	Rate Rs. P.	Amount	Qty	Rate Rs. P.	Amount	Qty	Cost
74.85	150.00	11227.5	0	150.00	0.00	74.85	11227.50
1990.61	210.00	418028.1	0	210.00	0.00	1990.61	418028.10
57.47	525.00	30171.75	0	525.00	0.00	57.47	30171.75
146.09	6000.00	876540	0	6000.00	0.00	146.09	876540.00
1482.88	350.00	519008	0	350.00	0.00	1482.88	519008.00
194.91	7000.00	1364370	0	7000.00	0.00	194.91	1364370.00
9.82	72000.00	707040	0.00	72000.00	0.00	9.82	707040.00
41.6	7000.00	291200	0	7000.00	0.00	41.6	291200.00
346.66	110.00	38132.6	0	110.00	0.00	346.66	38132.60
2655.38	90.00	238984.2	0	90.00	0.00	2655.38	238984.20

11	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick and as per the direction of Engineer in charge of the work.	Sqm
12	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications.and as per the direction of Engineer in charge of the work.	Cum
13	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. and as per the direction of Engineer in charge of the work.	Sqm
14	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the direction of Engineer in charge of the work.	Cum
15	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. and as per the direction of Engineer in charge of the work.	Cum
16	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. and as per the direction of Engineer in charge of the work.	Cum
17	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications and as per the direction of Engineer in charge of the work.	Sqm
18	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications and as per the direction of Engineer in charge of the work.	Sqm
19	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications and as per the direction of Engineer in charge of the work.	Sqm
20	Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification and as per the direction of Engineer in charge of the work.	Cum
21	Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications and as per the direction of Engineer in charge of the work.	Cum
22	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the direction of Engineer in charge of the work.	Sqm

1693.31	750.00	1269982.5	0	750.00	0.00	1693.31	1269982.50
.28	5000.00	86400	0	5000.00	0.00	17.28	86400.00
28.8	115.00	3312	0	115.00	0.00	28.8	3312.00
2.16	6500.00	14040	0	6500.00	0.00	2.16	14040.00
732.45	175.00	128178.75	0	175.00	0.00	732.45	128178.75
732.45	2000.00	1464900	0	2000.00	0.00	732.45	1464900.00
3184.55	32.00	101905.6	0	32.00	0.00	3184.55	101905.60
11331.07	4.00	45324.28	0	4.00	0.00	11331.07	45324.28
17419.05	14.00	243866.7	0	14.00	0.00	17419.05	243866.70
250.76	7100.00	1780396	0	7100.00	0.00	250.76	1780396.00
638.60	8000.00	5108800	0	8000.00	0.00	638.6	5108800.00
664.22	630.00	418458.6	0	630.00	0.00	664.22	418458.60

23	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick and as per the direction of Engineer in charge of the work.	Sqm
E1	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm
E2	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm
	Total	

CRTIFICATE:

1. Certified that the above work done satisfactory and no materials issued from Department

KBR INFRATECH LIMITED

260.88	925.00	241314	0	925.00	0.00	260.88	241314.00
0	1834.00	0	489.08	1834.00	896972.72	489.08	896972.72
0	5111.00	0	66.36	5111.00	339165.96	66.36	339165.96
		15401580.58			**1236130.00**		**16637719.26**

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bengalore.